

IPOS(3)



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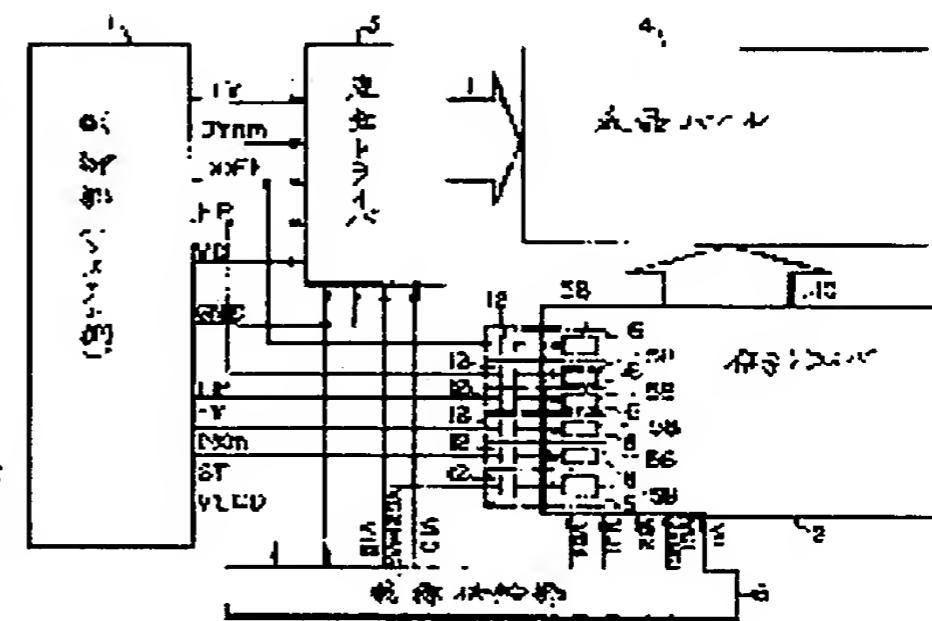
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(54) LIQUID CRYSTAL DISPLAY SYSTEM AND METHOD OF SUPPLYING POWER SOURCE

(57) Abstract:

PURPOSE: To provide a power supply method optimum for the case when ranges of source voltages applied to a scan driver, a signal driver are different from each other.

CONSTITUTION: A power source supply part 5 supplies source voltage group V11, VC1, V12 of the same polarity provided with a narrow source voltage range to the signal driver 2, and supplies the source voltage group V10, VC2, V15 of the same polarity provided with a wide source voltage range to the scan driver 3. Then, central voltages VC1, VC2 are equal. The power source supply part 5 is provided with a means for adjusting the value of the supplied source voltage. A control signal, etc., from a control part 1 is level changed by a potential change part 6. When display off is realized, the outputs of the signal driver 2, the scan driver 3 are made a VC level. By such a manner, the adjustment of a liquid crystal driving voltage is realized by a simple adjustment means while holding a precise voltage ratio.



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